

REMARKS

Claims 1, 3, 5, 6, 8, 10, 15, 16, 18, 19, 20, 22-26, 28, 30-34, 36, 38, 45-50, 52-54 and 57-74 are pending in this case.

Claims 1, 3, 5, 6, 8, 10, 16, 18, 19, 20, 22-26, 28, 30-34, 36, 38, 45-50, 52-54, and 56 have been amended.

Claims 2, 4, 7, 9, 11-14, 17, 21, 27, 29, 35, 37, 39-44, 51, and 55 have been canceled.

New Claims 57-74 have been added. No new matter has been added. Support for New Claims 57-74 is as discussed below.

Restriction Requirement

The Examiner has required Election/Restriction of the present case as follows:

Species I. Figure 1, drawn to a device having a wrap-around region.

Species II. Figure 2, drawn to a silicon structure having a partly buried curved PN junction.

Species III. Figure 3, drawn to a device having its PN junction peripheral surfaces buried.

Species IV. Figure 4, drawn to a microcircuit made of discretely in-situ formed, oxide and/or nitried isolation region and three-dimensional dopant diffusion.

Species V. Figure 5, drawn to a high-power laser device.

Species VI. Figure 6 and 7, drawn to a monolithic microcircuit containing a system of normally intersecting, gas, nitride, or oxide-filled grooves.

Species VII. Figure 8, drawn to a "universal integrated circuit."

The Examiner has required Applicant to elect a single one of the above disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held allowable.

However, Applicant respectfully points out that the Examiner has not indicated which claims correspond to the allegedly different inventions of Species I-VI, and therefore Applicant does not know which claims, if any, are being restricted. Solely

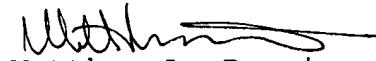
in order to respond to the Restriction Requirement pursuant to 37 C.F.R. §1.143, Applicant hereby provisionally elects Species II (Figure 2). However, Applicant respectfully requests reconsideration of this Restriction Requirement in view of the above comments and requests that the Examiner inform Applicant which claims, if any, are being restricted into separate inventions, and provide reasons therefore, as required by MPEP §803.

Moreover, Applicant respectfully submits that the currently pending claims should all be examined in this case.

It is to be noted on page 22, lines 46-48 that ``the invention, as described above, is not to be construed as limited to the particular forms disclosed herein, since these are to be regarded as illustrative rather than restrictive''.

Please direct any questions concerning this Response to Applicant's undersigned representative.

Respectfully submitted,


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